

REMARKS/ARGUMENTS

Favorable consideration of this application as presently amended and in light of the following discussion is respectfully requested.

Claims 6-10 are pending in the application, with Claims 7-8 amended by the present amendment.

In the outstanding Office Action, Claims 7-8 were objected to; Claims 6-10 were rejected under 35 U.S.C. § 112, first paragraph; and Claims 6-10 were rejected under 35 U.S.C. § 112, second paragraph.

Claims 7-8 are amended to correct the typographical errors noted in the Official Action. In response to the rejection under 35 U.S.C. § 112, first and second paragraphs, the specification is amended to correct a typographical error. Support for this correction is found in Applicants' originally filed specification.¹ No new matter is added.

Further in response to the rejection 35 U.S.C. § 112, first and second paragraphs, as noted in the above-cited portions of Applicants' specification, Applicants' claimed entropy encoding is performed on the image data output from the quantizing unit. That is, the entropy encoding is not performed such that a total number of bits of the high frequency component and a number of bits of the low frequency component is the same regardless of the types of the edge area or non-edge area since such an operation is achieved not by the entropy encoding but by the quantizing unit.

Furthermore, as evidenced by the above-cited specification passages, Applicants' recitation of "a total of a number of bits of the high-frequency component and a number of bits of the low-frequency is the same regardless of types of the edge area or the non-edge area, and a number of bits of the high-frequency component for the edge area is the same as a number of bits of the low-frequency component of the non-edge area" should be interpreted

¹ Specification, page 79, line 3 – page 80, line 16; Figure 33.


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to mean that a sum of a number of bits of the high-frequency component and a number of bits of a low frequency component of the edge area is equal to a sum of a number of bits of the high-frequency component and a number of bits of a low frequency component of the non-edge area, wherein the number of bits of the high frequency component in the edge area is equal to a number of bits of the low frequency component in the non-edge area.

Accordingly, in view of the present amendment and in light of the previous discussion, Applicants respectfully submit that the present application is in condition for allowance and respectfully request an early and favorable action to that effect.

Respectfully submitted,

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